

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005636**Date Inspected:** 30-Jan-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A			<b>CWI Present:</b>	Yes	No	
<b>Inspected CWI report:</b>	Yes	No	N/A	<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A	<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A	<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A	<b>Approved WPS:</b>	Yes	No	N/A
				<b>Delayed / Cancelled:</b>	Yes	No	N/A

**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

CALTRANS OSM Quality Assurance (QA) Inspector, Erik Prue was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. QA Inspector and/or found the following:

Bay 13: 0800 Caltrans Quality Assurance (QA) Inspector observed FB008-001 had been red tagged for improper storage by ABF inspector Mr. Art Peterson and installed (tack welded) to side plate and longitudinal diaphragm in lift 1BE before clearing the red tag. Contract Change Order (CCO) 77 paragraph 5.2.6 states "Upon approval of the quality assurance acceptance package, the department shall affix the appropriate tag (s) representing the components included in the quality assurance acceptance package indicating the components final acceptance". Standard Specifications 1999 section 6-1.04 Defective Materials states "All materials which the engineer has determined do not conform to the requirements of the plans and specifications will be rejected whether in place or not. The rejected materials shall be removed immediately from the site of the work, unless otherwise permitted by the Engineer. No rejected material, the defects of which have been subsequently corrected, shall be used in the work, unless approval in writing has been given by the Engineer. See pictures below for more information.

Bay 14: QA Inspector observed ZPMC personell staging of bottom panels and side panels in west jig. QA Inspector asked ZPMC QC Mr. Lai Tao what lift numbers were going to be assigned the 5 lifts laid out. ZPMC QC was not sure what numbers would be assigned at this time but would inform QA Inspector of the lift numbers as soon as possible.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable

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# WELDING INSPECTION REPORT

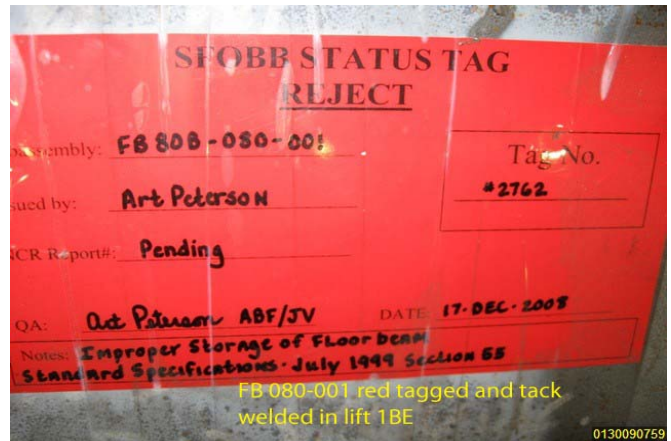
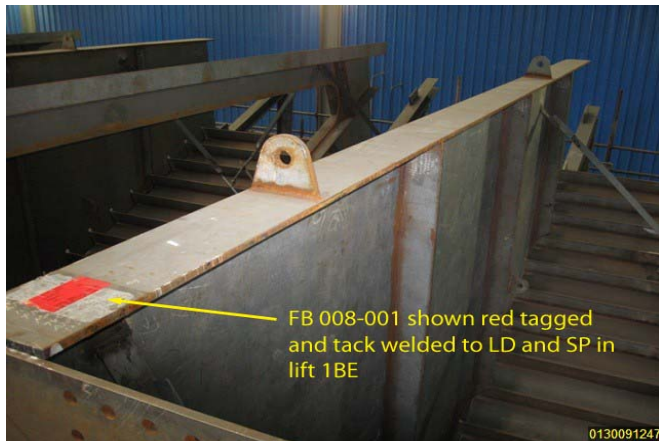
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contract documents.

## Summary of Conversations:

Conversations noted in items observed.



## Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

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Inspected By:	Prue,Erik	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer

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